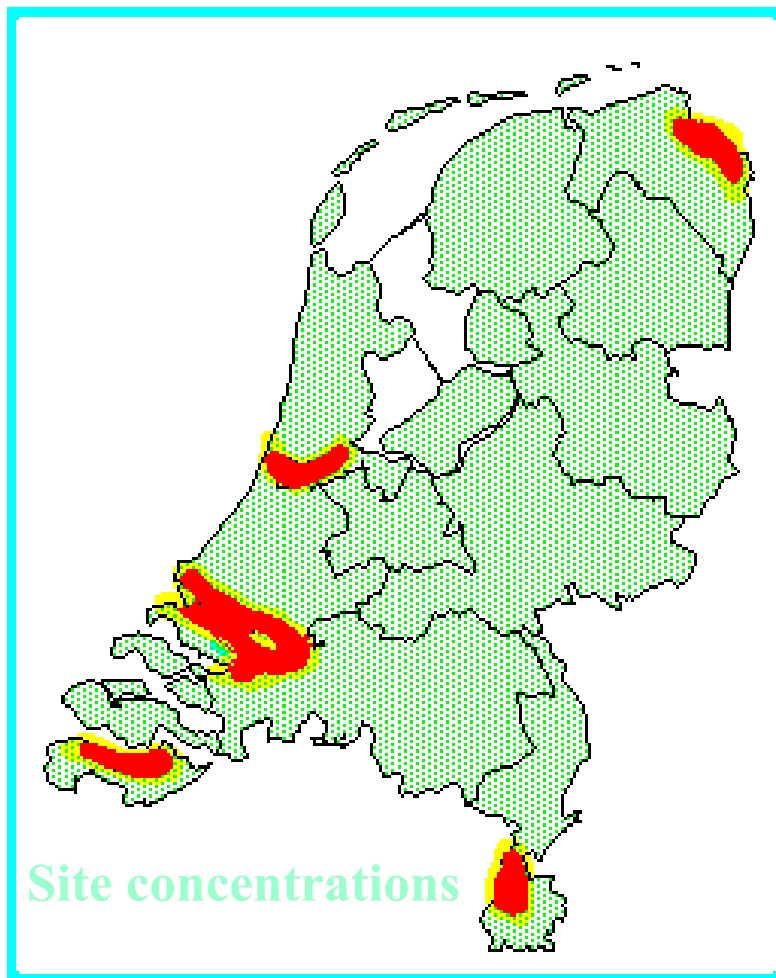


# **External Safety policy**

## **in the NETHERLANDS**

**P.H.Bottelberghs**

Ministry of Housing, Spatial Planning  
and Environment



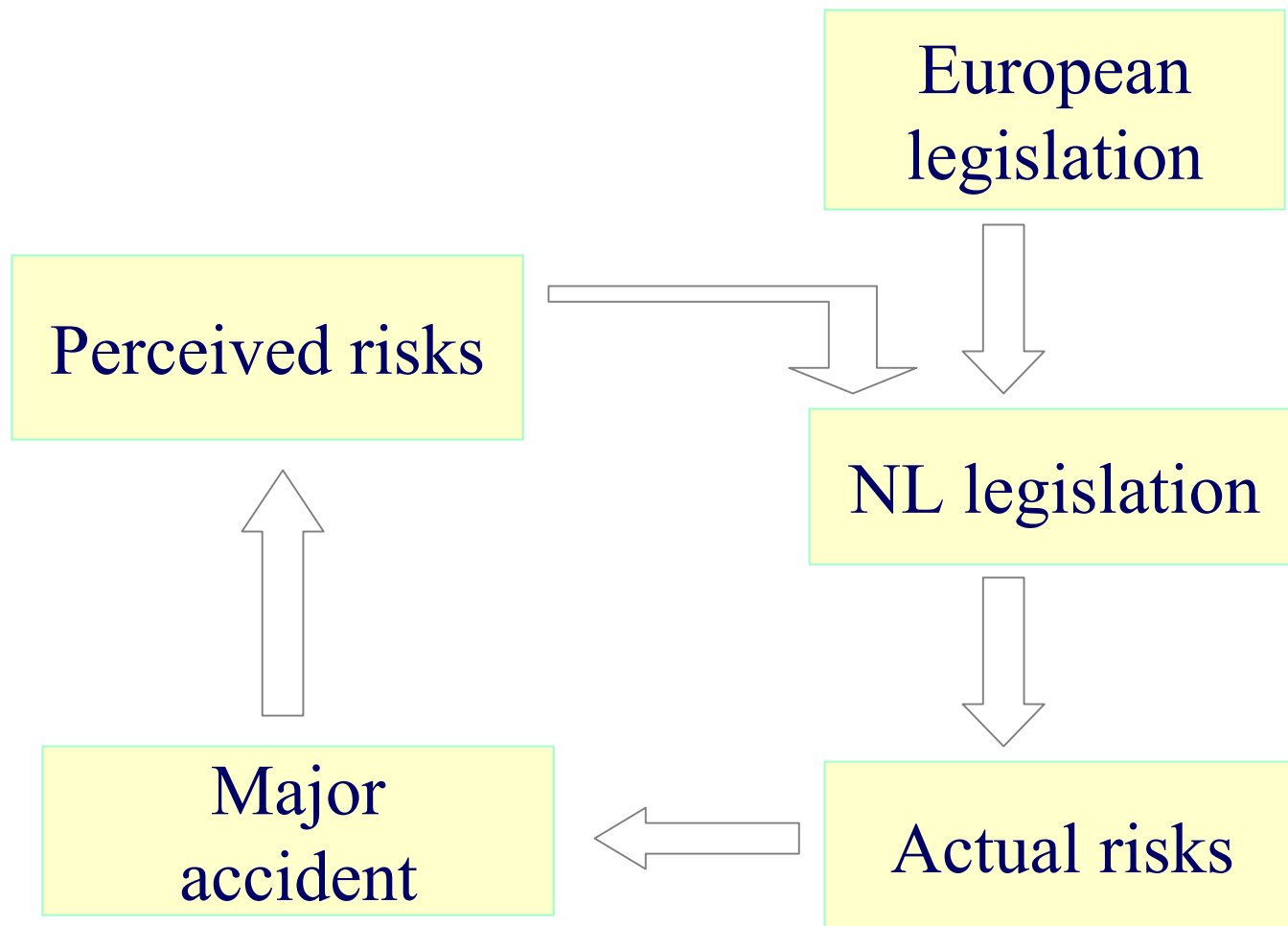
## Netherlands:

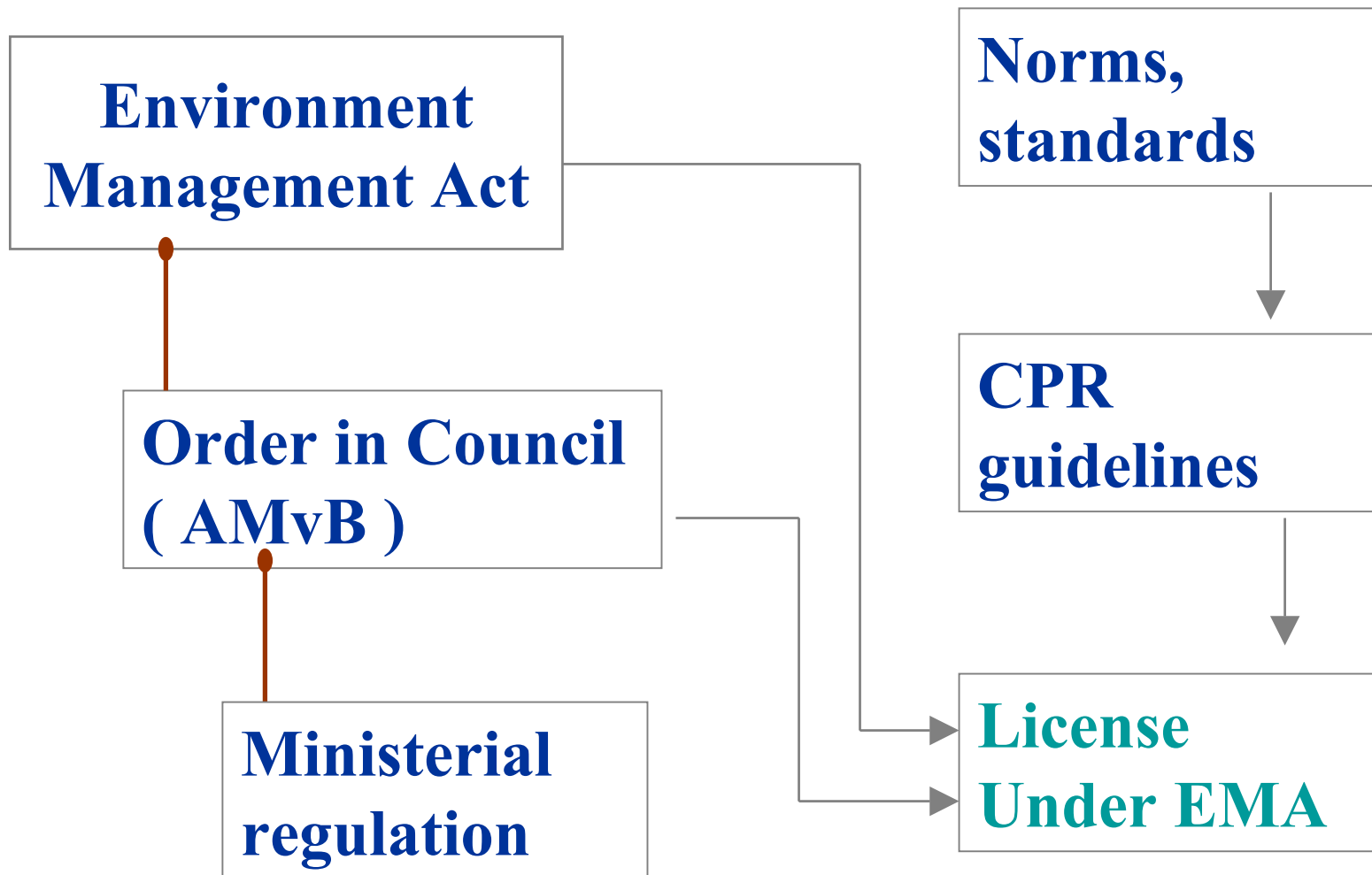
- ❑ 5000 establishments have hazardous substances
- ❑ 2200 LPG stations
- ❑ 400 NH<sub>3</sub> cooling units
- ❑ 1000 Chemicals storages
- ❑ 300 - 350 Seveso II sites
- ❑ 150 'Seveso report' sites

## **EXTERNAL SAFETY POLICY**

- ❑ deals with prevention of major accidents**
- ❑ through legislation and other instruments**
- ❑ aimed at risk reduction at the source**

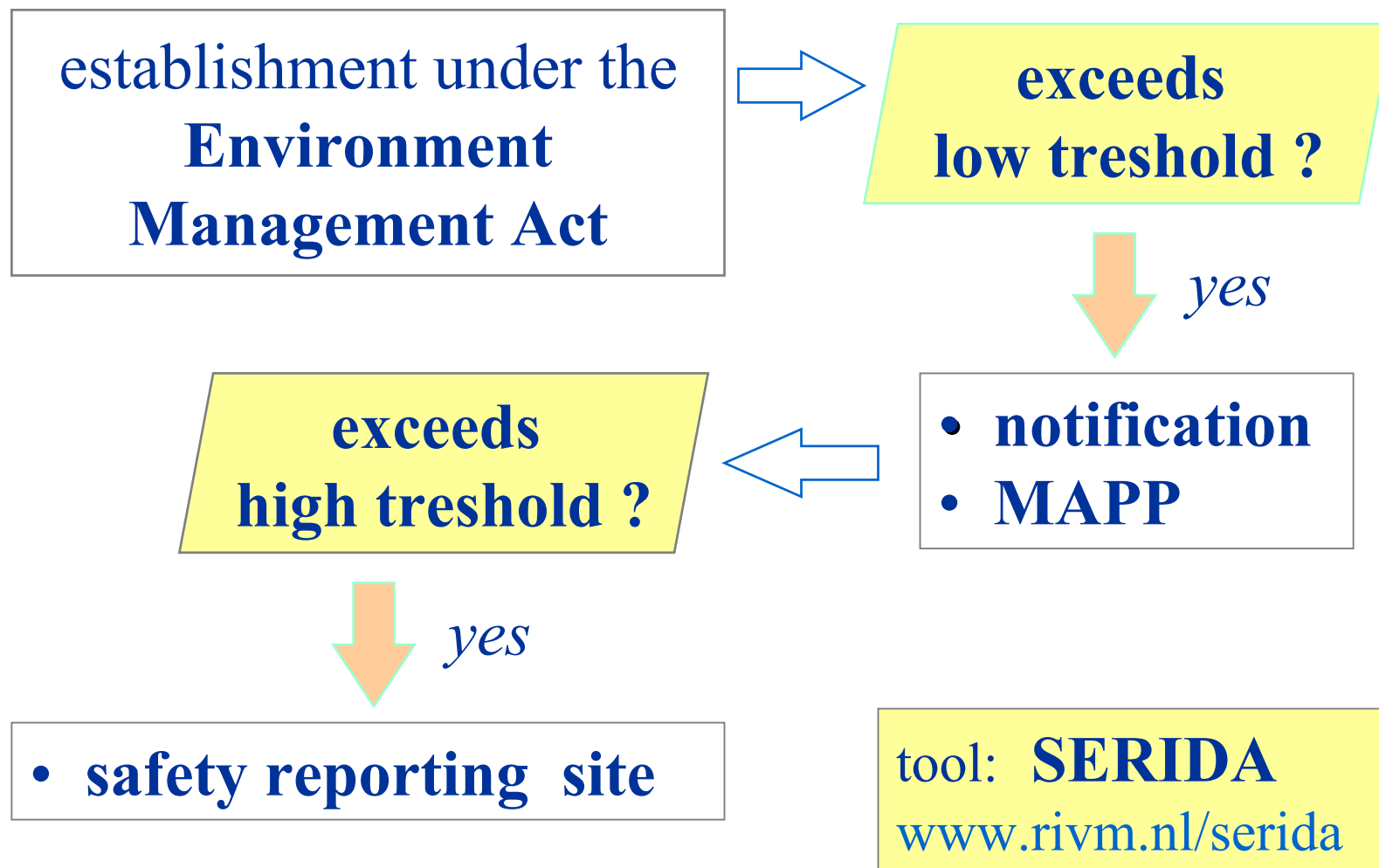
**and keeping safety distances where needed**



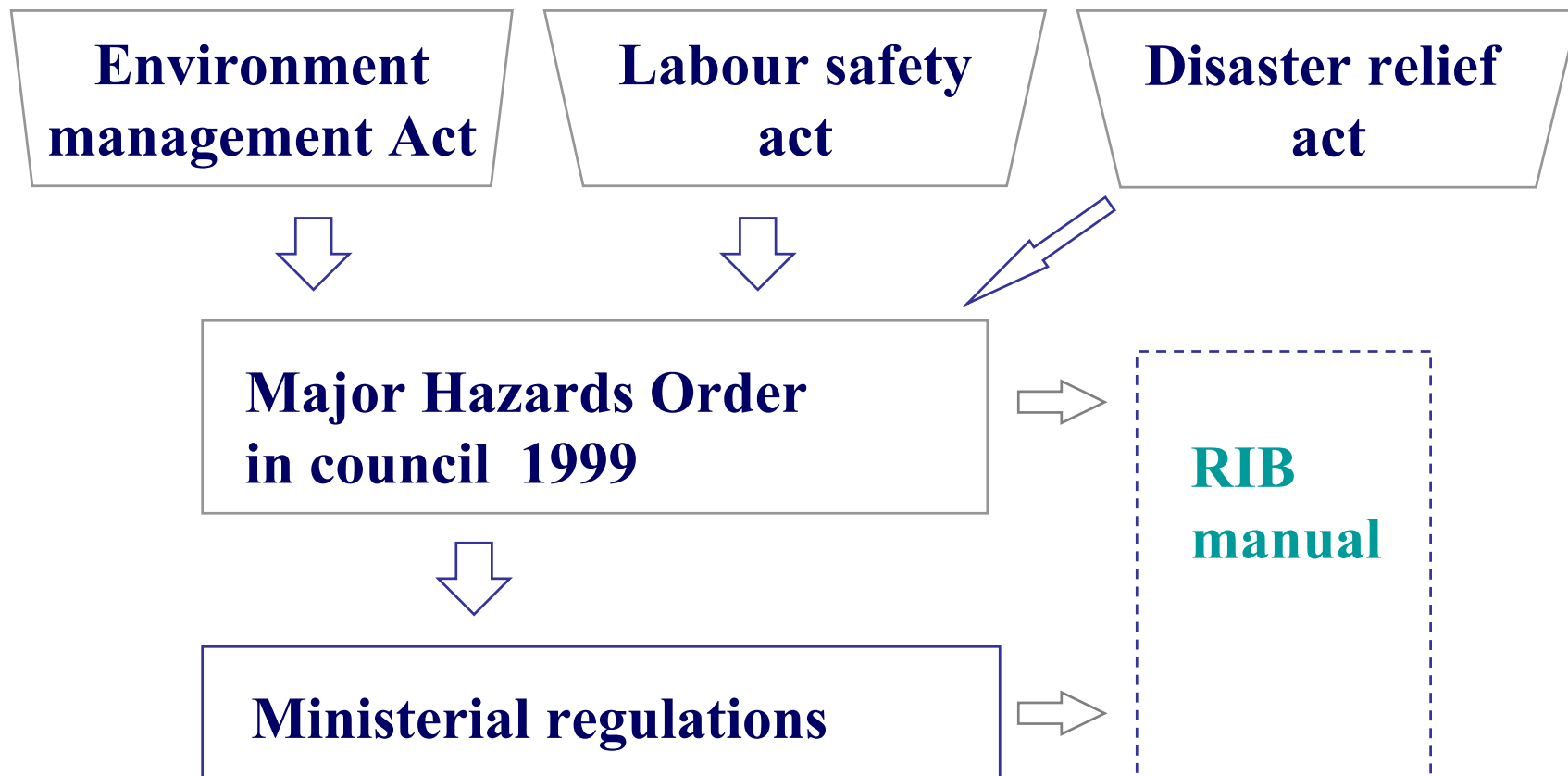


## *Seveso requirements*

- ❑ notification
- ❑ prevention policy ( MAPP )
- ❑ safety report (*NL: integral*)
- ❑ domino article
- ❑ spatial planning
- ❑ public information
- ❑ inspections structure



## Legal transposition in the Netherlands





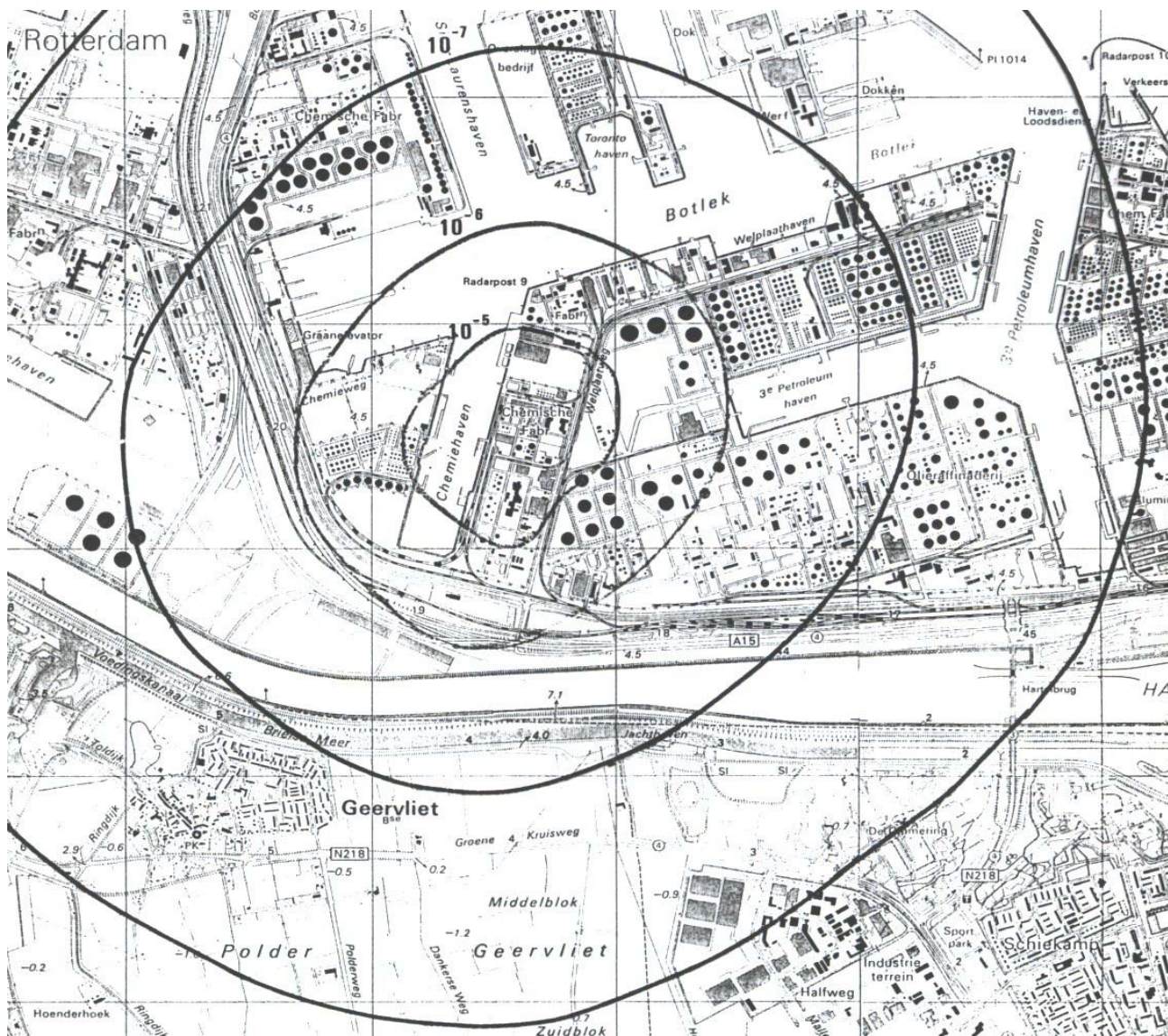
## Legislation and documents :

- ❑ **Environment protection Act**
- ❑ **Labour conditions Act**
- ❑ **Fire brigades Act**
- ❑ **Disaster relief Act**
- ❑ **Major Hazards Order-in-council 99**
- ❑ **Major Hazards regulation**
- ❑ **Guidance report RIB**
- ❑ **Seveso policy guidance report**
- ❑ **Summation instrument (SERIDA)**
- ❑ **Domino selection instrument**

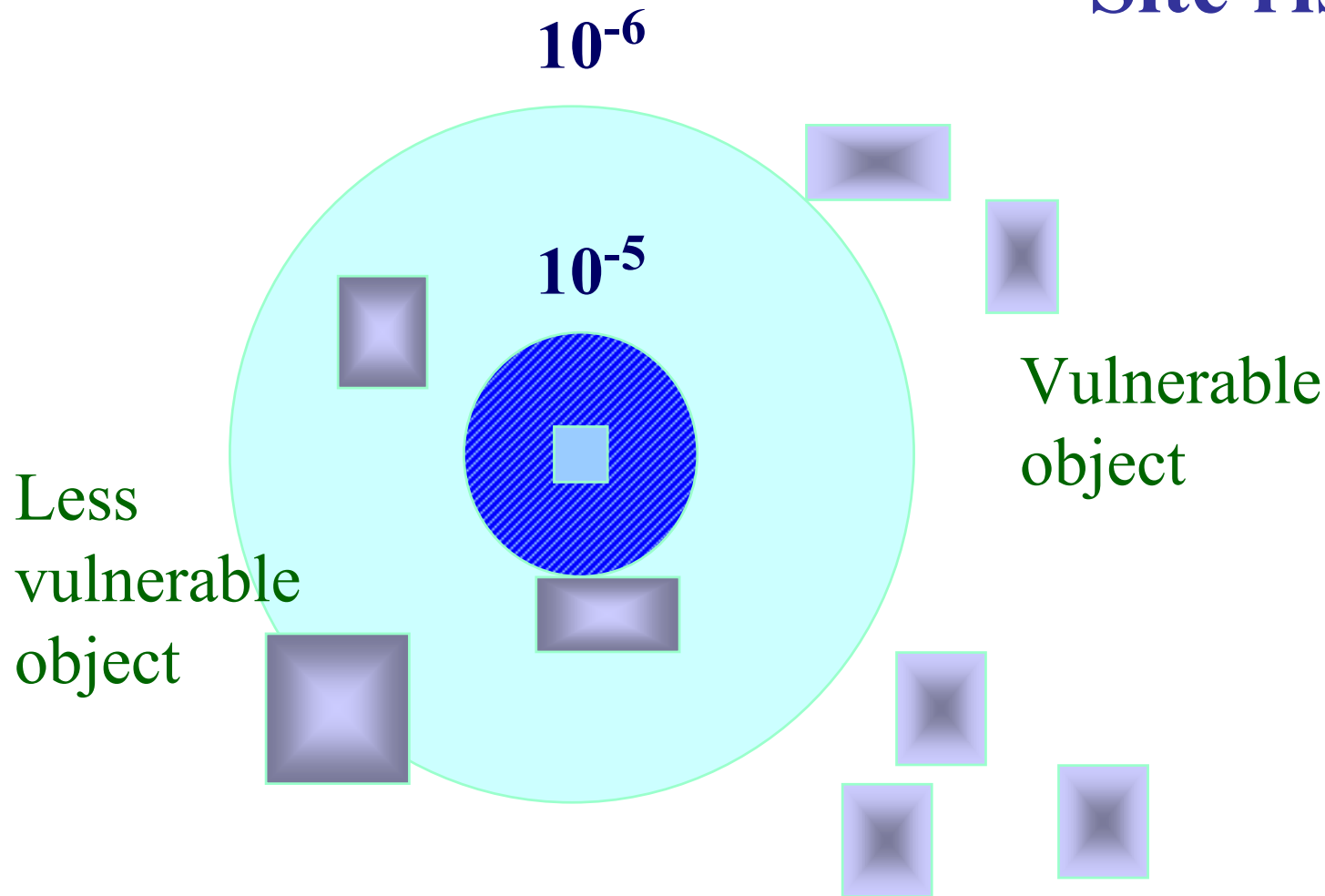


## types of **Seveso** establishments

- ❑ chemical process companies
- ❑ oil refineries
- ❑ bulk tank storages
- ❑ storage warehouses
- ❑ LPG and propane storages
- ❑ pesticides formulation & storage
- ❑ + other..



# Criteria for Site risk





## Technical standards and ALARA requirements

